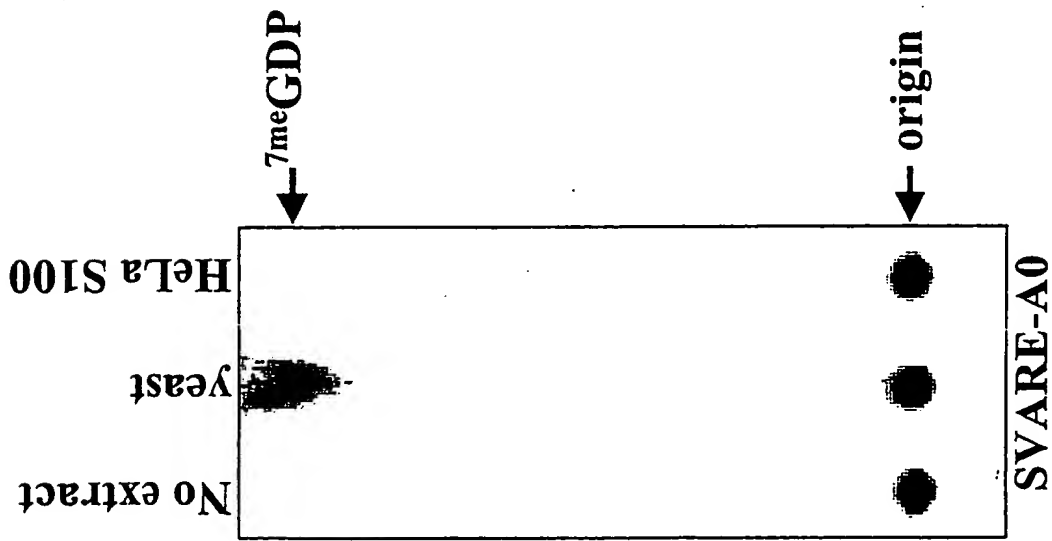


A.



B.

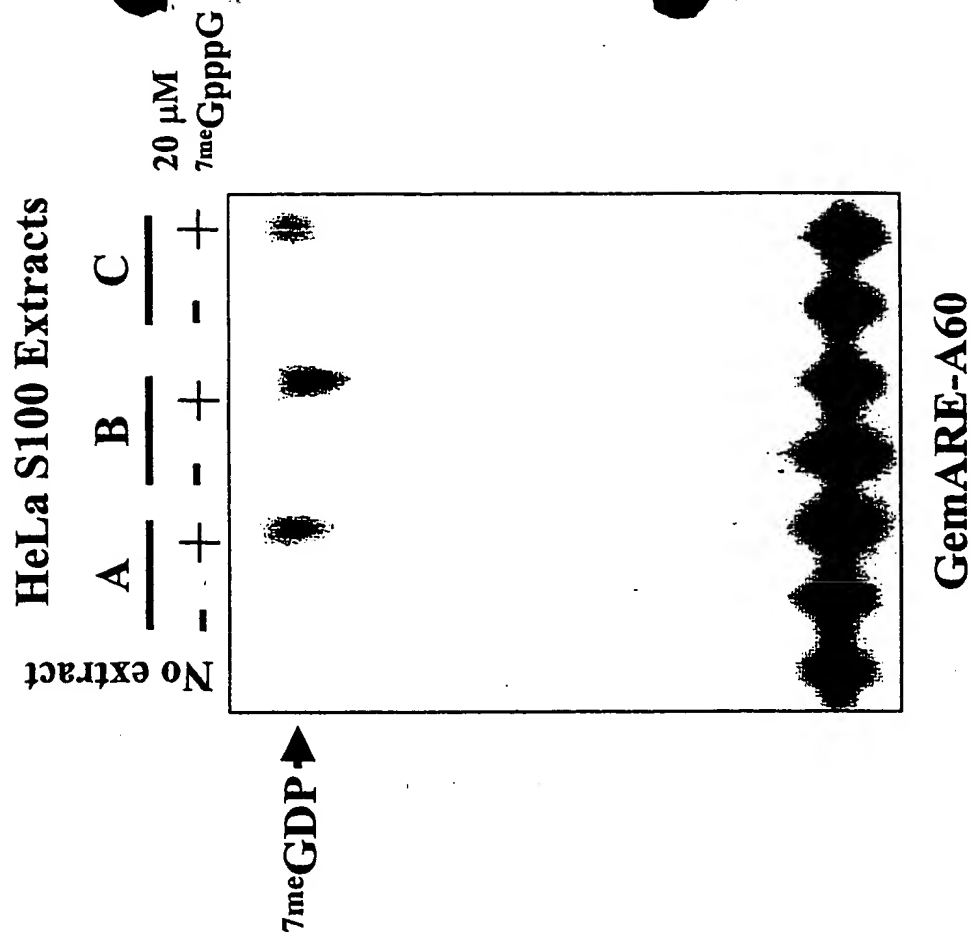


Figure 1.

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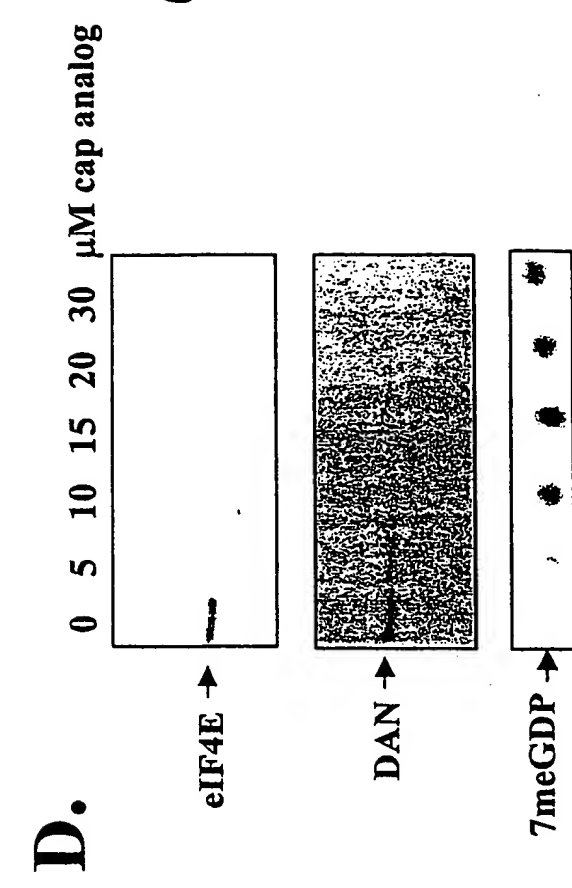
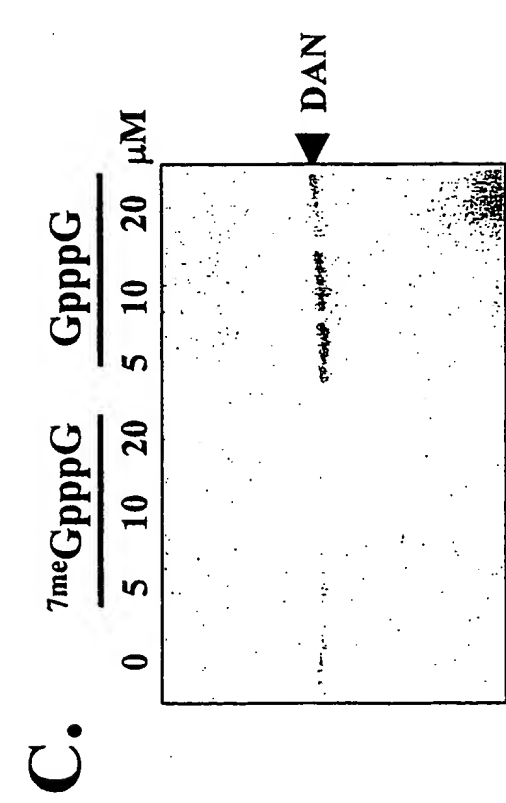
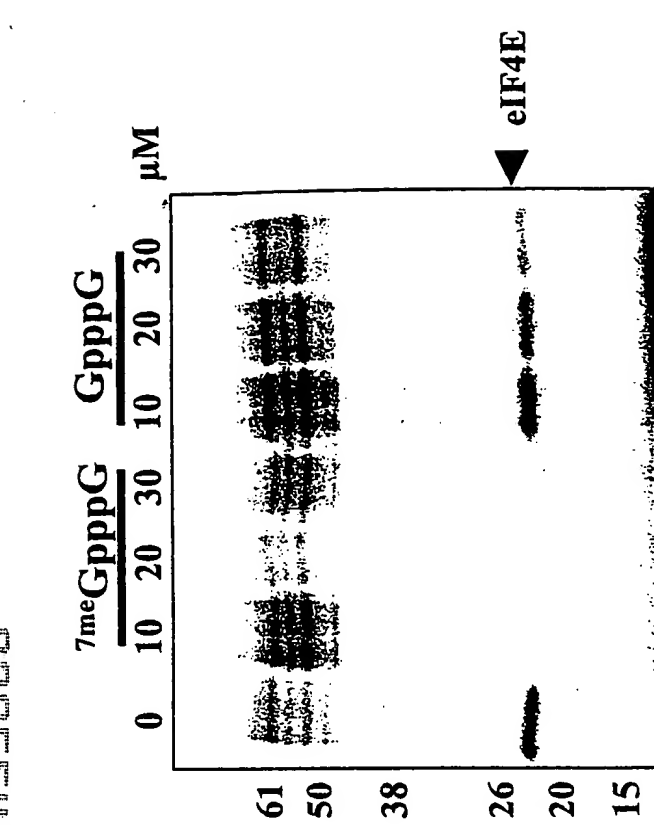
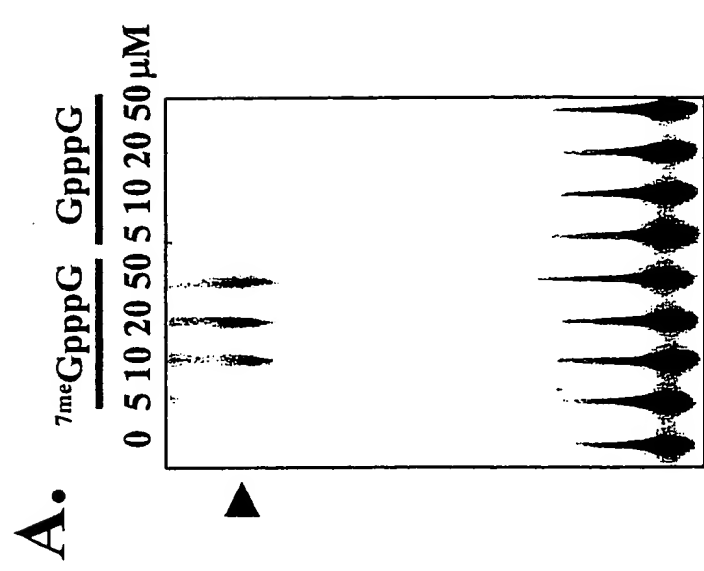


Figure 2.

100100 25133000

C.



B.



A.



Figure 3.

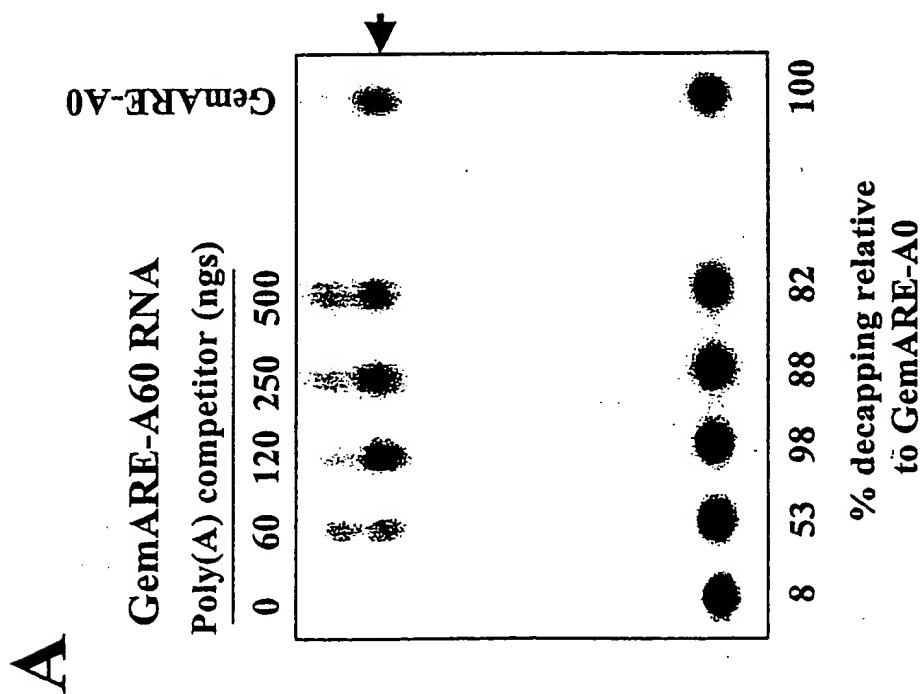
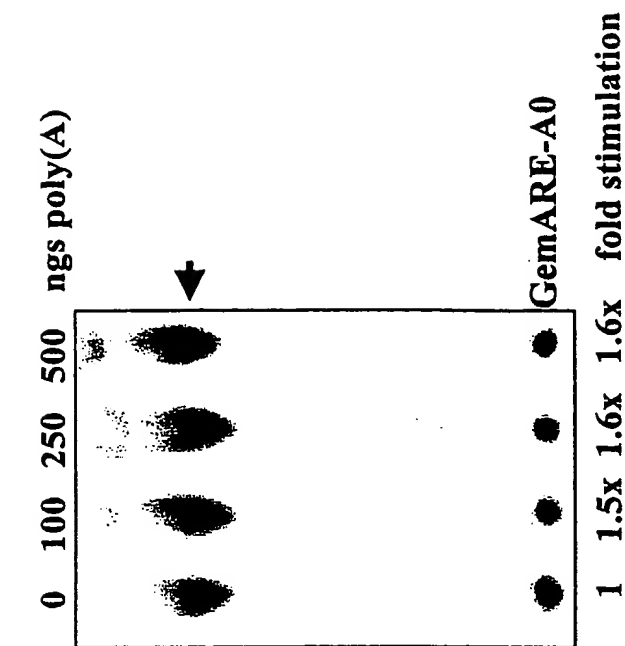
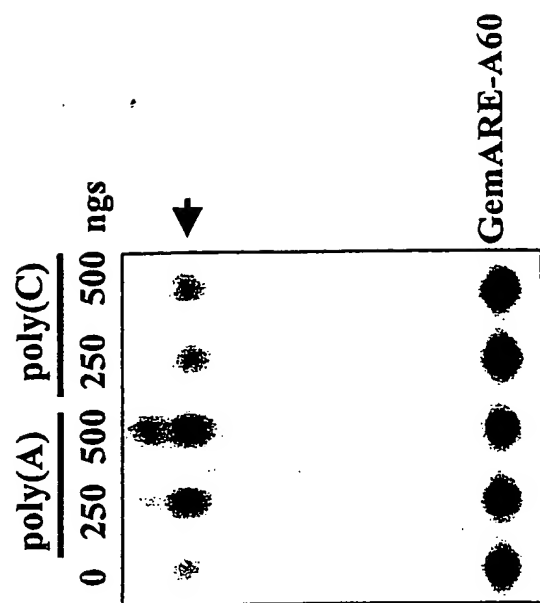
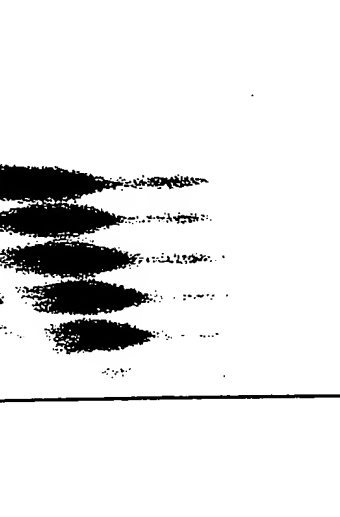
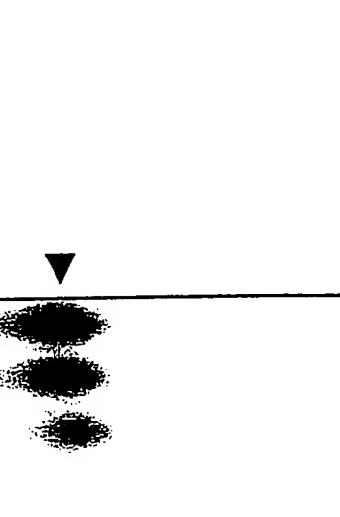


Figure 4.

A.

Gem-A0				GemARE-A0				SVARE-A0				SV-A0							
0	10	20	30	0	10	20	30	0	10	15	20	25	30	0	10	15	20	25	30
																			
0.4 1.3 2.1				5.8 14 23								21 31 37 43 45				.2 .3 .3 .4 .5			
decapping efficiency (%)				decapping efficiency (%)								decapping efficiency (%)				decapping efficiency (%)			

B.

Gem-A0				GemARE-A0				SVARE-A0				SV-A0							
0	10	20	30	0	10	20	30	0	10	15	20	25	30	0	10	15	20	25	30
																			
0.4 1.3 2.1				5.8 14 23								21 31 37 43 45				.2 .3 .3 .4 .5			
decapping efficiency (%)				decapping efficiency (%)								decapping efficiency (%)				decapping efficiency (%)			

C.

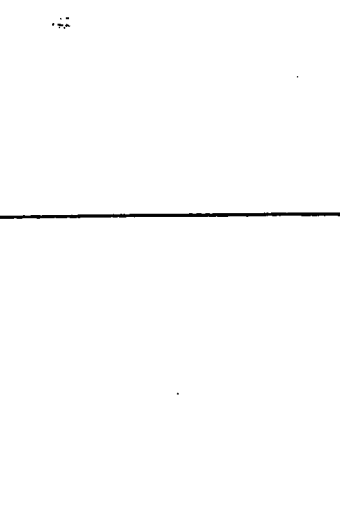
GM-CSF (+ ARE)				GM-CSF (- ARE)			
0	10	20	30	0	10	20	30
							
0.3 7.5 13.0				0.9 1.2 2.0			
decapping efficiency (%)				decapping efficiency (%)			

Figure 5.

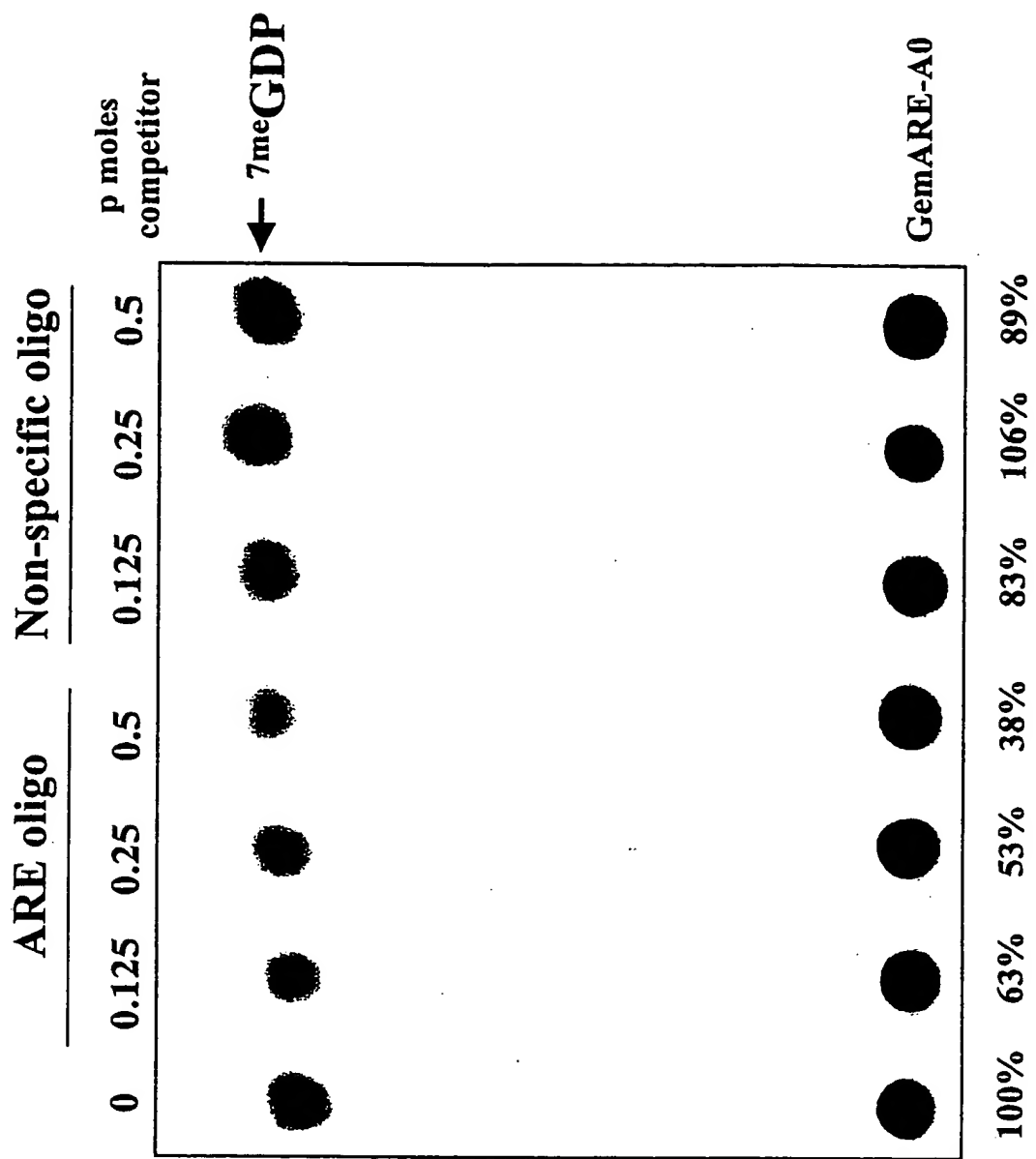


Figure 6.

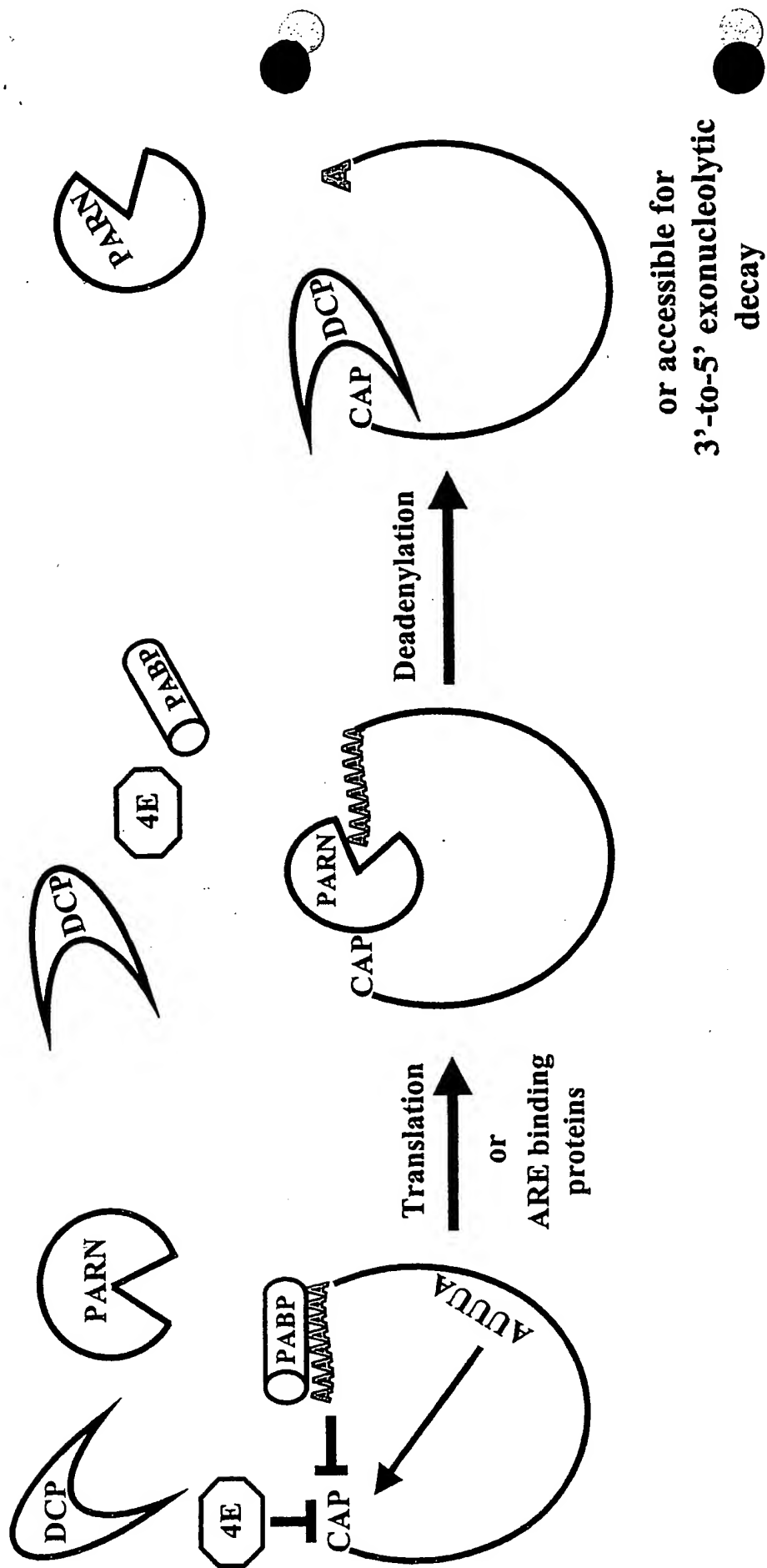


Figure 7.

Ammonium Sulfate Fractionation of Decapping Activity in HeLa S100

A

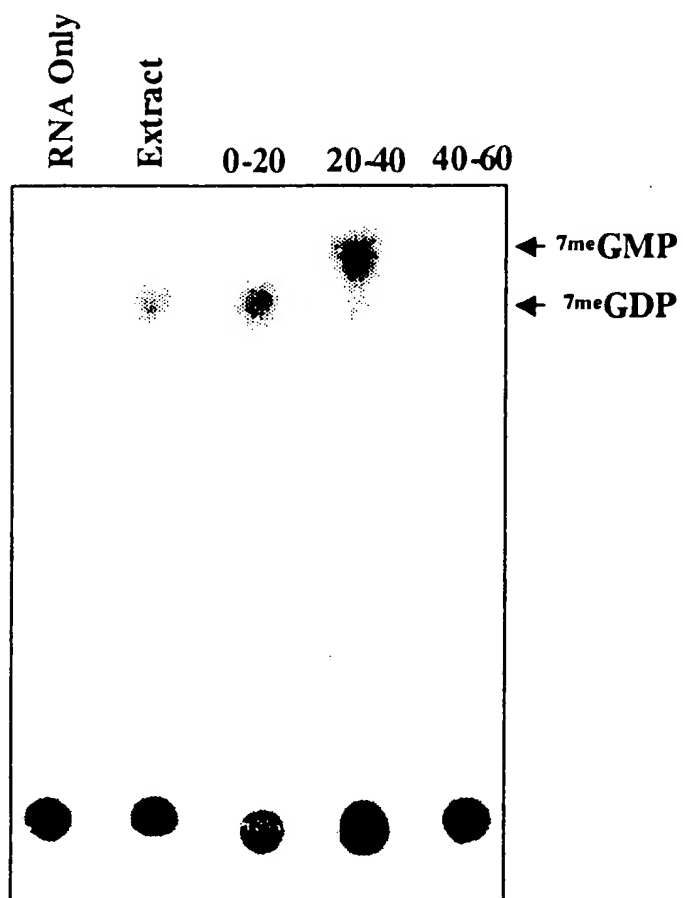
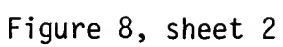


Figure 8, sheet 1

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7mGDP →



The mRNA stabilizing element from the α -globin gene represses decapping in vitro

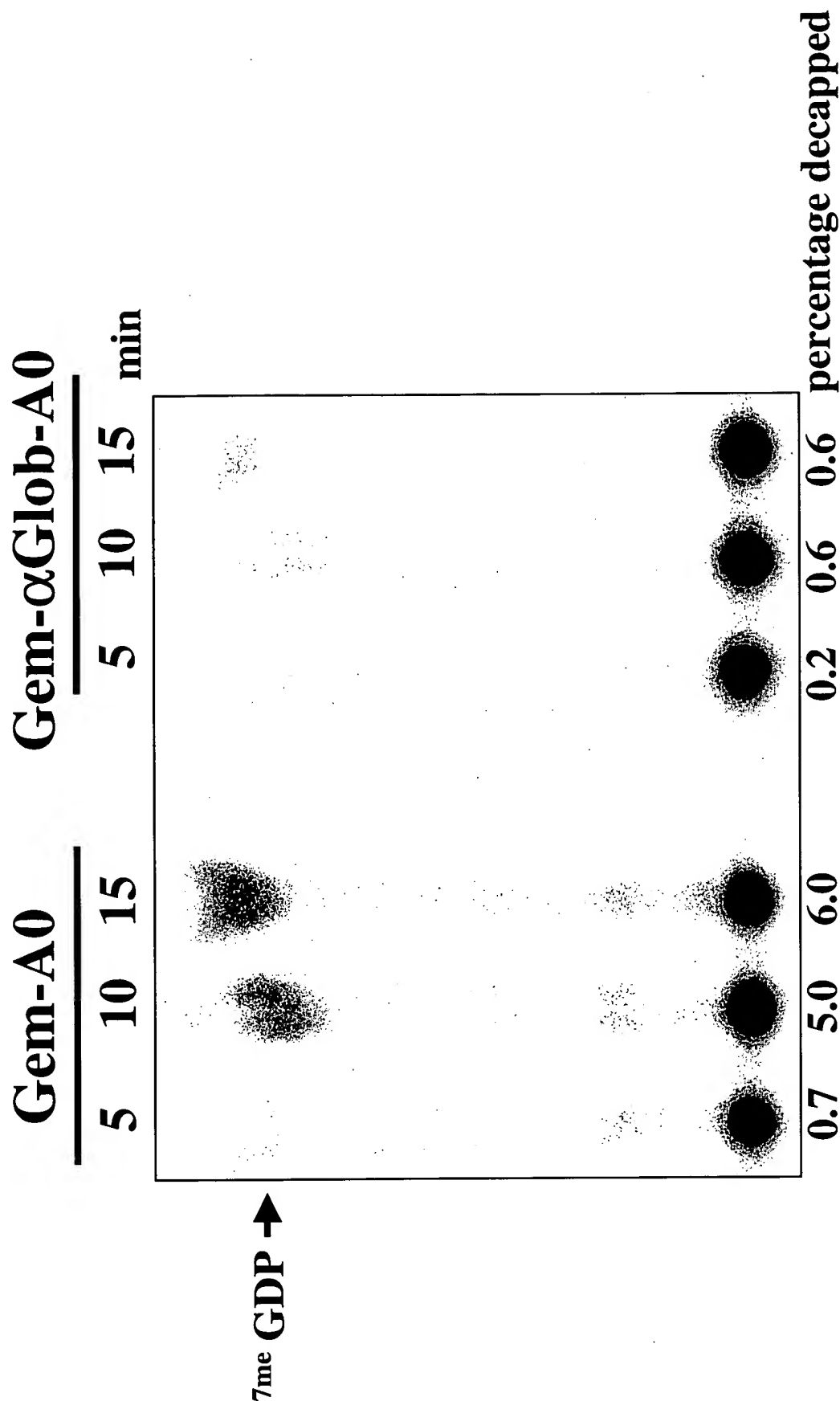


Figure 9